

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
455 12TH STREET, S.W.
WASHINGTON, D.C. 20554

News media information 202/418-0500 Fax-On-Demand 202/418-2830

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Report No. 381 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 7/1/05 to 8/1/05:

- **WD2XSP HARRIS CORPORATION 0171-EX-PL-2005**
New experimental to operate on 6.8225 and 6.9225 MHz to research a technique for tracking and locating high value assets.
Fixed: Palm Bay (Brevard), FL
- **WD2XNQ L-3 COMMUNICATIONS AVIONICS SYSTEMS INC. 0051-EX-PL-2005**
New experimental to operate a base station on 123.25, 123.275, 123.35 and 123.475 MHz to test integration of a VHF radio into an aircraft.
Mobile: Operating within a 250 mile radius of Columbus, OH; to 6000 meters
- **WD2XPU CONSULTING & ENGINEERING NEXT GENERATION NETWORKS INC. 0100-EX-PL-2005**
New experimental to operate on 400 MHz frequencies for equipment testing for contract.
Mobile: Georgetown, NJ and a radius of 50 km from Georgetown, NJ
- **WD2XPV CONSULTING & ENGINEERING NEXT GENERATION NETWORKS INC. 0101-EX-PL-2005**
New experimental to operate on 400 MHz frequencies for equipment testing for contract.
Mobile: Omaha, GA and a radius of 50 km from Omaha, GA
- **WD2XQI CALIFORNIA, STATE OF 0111-EX-PL-2005**
New experimental to operate on 401.7475 MHz for weather research.
Fixed: Holt (Alameda), CA
- **WD2XQK CALIFORNIA, STATE OF 0113-EX-PL-2005**
New experimental to operate on 401.7475 MHz for weather research.
Fixed: Tracy (San Joaquin), CA
- **WD2XRN CALIFORNIA, STATE OF 0143-EX-PL-2005**
New experimental to operate on 401.7475 MHz for weather research.
Fixed: El Dorado (El Dorado), CA
- **WD2XRO CALIFORNIA, STATE OF 0144-EX-PL-2005**
New experimental to operate on 401.7475 MHz for weather research.
Fixed: Somerset (El Dorado), CA
- **WD2XRK CALIFORNIA, STATE OF 0140-EX-PL-2005**
New experimental to operate on 401.7879 MHz for weather research.
Fixed: Byron (Contra Costa), CA
- **WD2XRL CALIFORNIA, STATE OF 0141-EX-PL-2005**
New experimental to operate on 401.7879 MHz for weather research.
Fixed: Byron (Contra Costa), CA

- **WD2XRM CALIFORNIA, STATE OF 0142-EX-PL-2005**
New experimental to operate on 401.7879 MHz for weather research.
Fixed: Byron (Contra Costa), CA
- **WD2XRP CALIFORNIA, STATE OF 0146-EX-PL-2005**
New experimental to operate on 401.7879 MHz for weather research.
Fixed: Suisun City (Solano), CA
- **WD2XQM CALIFORNIA, STATE OF 0115-EX-PL-2005**
New experimental to operate on 401.7895 MHz for weather research.
Fixed: Callahan (San Joaquin), CA
- **WD2XRQ CALIFORNIA, STATE OF 0147-EX-PL-2005**
New experimental to operate on 401.7895 MHz for weather research.
Fixed: Oroville (Butte), CA
- **WD2XRR CALIFORNIA, STATE OF 0149-EX-PL-2005**
New experimental to operate on 401.7895 MHz for weather research.
Fixed: Suisun City (Solano), CA
- **WD2XRS CALIFORNIA, STATE OF 0151-EX-PL-2005**
New experimental to operate on 401.7895 MHz for weather research.
Fixed: Suisun City (San Joaquin), CA
- **WD2XQG CALIFORNIA, STATE OF 0109-EX-PL-2005**
New experimental to operate on 401.8585 and 401.8885 MHz for weather research.
Fixed: Byron (San Joaquin), CA
- **WD2XQN CALIFORNIA, STATE OF 0116-EX-PL-2005**
New experimental to operate on 401.8585 and 401.8885 MHz for weather research.
Fixed: Byron (San Joaquin), CA
- **WD2XQF CALIFORNIA, STATE OF 0108-EX-PL-2005**
New experimental to operate on 401.9575 MHz for weather research.
Fixed: Weed (Siskiyou), CA
- **WD2XQH CALIFORNIA, STATE OF 0110-EX-PL-2005**
New experimental to operate on 401.9575 MHz for weather research.
Fixed: Granada (Siskiyou), CA
- **WD2XQJ CALIFORNIA, STATE OF 0112-EX-PL-2005**
New experimental to operate on 401.9575 MHz for weather research.
Fixed: Greenview (Siskiyou), CA
- **WD2XQL CALIFORNIA, STATE OF 0114-EX-PL-2005**
New experimental to operate on 401.9575 MHz for weather research.
Fixed: Weed (San Joaquin), CA
- **WD2XRJ CALIFORNIA, STATE OF 0139-EX-PL-2005**
New experimental to operate on 401.9575 MHz for weather research.
Fixed: Suisun City (Solano), CA
- **WD2XCV CAL POLY STATE UNIVERSITY 0063-EX-PL-2003**
New experimental to operate in 436.84-436.85 MHz for testing attitude determination and control hardware of a sun-synchronous satellite.
Fixed & Mobile: San Luis Obispo (San Luis Obispo), CA; Space Station, LEO, Sun-Synchronous, 700km altitude, 98 degree inclination

- **WD2XSE BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. 0165-EX-PL-2005**
New experimental to operate on discrete frequencies between 900 MHz and 4000 MHz for antenna testing.
Fixed: Merrimack (Hillsborough), NH
- **WD2XPG CONSULTING & ENGINEERING NEXT GENERATION NETWORKS INC. 0069-EX-PL-2005**
New experimental to operate on 915 MHz for equipment testing for contract.
Mobile: Meda, Georgia and a radius of 250 km from Meda, Georgia
- **WD2XSC SONOMA TECHNOLOGY, INC. 0167-EX-PL-2005**
New experimental to operate on 915 MHz for meteorological studies.
Fixed: Oil platform in Gulf of Mexico
- **WD2XPK CLARITY BROADCASTING SYSTEMS, LLC 0046-EX-PL-2005**
New experimental to operate on 2000 MHz for testing a video system.
Fixed: Frazier Park (Los Angeles), CA; North Salt Lake (Davis), UT; Ogden (Weber), UT
- **WD2XOZ CONSULTING & ENGINEERING NEXT GENERATION NETWORKS INC. 0044-EX-PL-2005**
New experimental to operate on 2400 MHz for equipment testing for contract.
Mobile: Meda, Georgia and a radius of 250 km from Meda, Georgia
- **WD2XSU OVERLAND PARK, CITY OF 0119-EX-PL-2005**
New experimental to operate in 4940-4990 MHz for testing public safety multi-point wireless broadband data equipment.
Mobile: The area of operation will be defined as the city limits of Overland Park, Kansas
- **WD2XSR NEPTUNO NETWORKS 0166-EX-PL-2005**
New experimental to operate in 4940-4990 MHz for installing a link to transmit information from traffic lights and a surveillance camera.
Fixed: San Juan, PR
- **WD2XSW MULTISPECTRAL SOLUTIONS, INC. 0175-EX-PL-2005**
Ultra-Wideband RFID equipment testing using 5950-6550 MHz.
Fixed & Mobile: Blaine (WHATCOM), WA, at temporary fixed locations